



RICHARD SANCHEZ  
CHIEF INFORMATION OFFICER

**COUNTY OF LOS ANGELES  
CHIEF INFORMATION OFFICE**

Los Angeles World Trade Center  
350 South Figueroa Street, Suite 188  
Los Angeles, CA 90012

Telephone: (213) 253-5600  
Facsimile: (213) 633-4733

February 18, 2014

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

Dear Supervisors:

**ADOPTED**

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

12 March 4, 2014

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

**REQUEST APPROVAL AND AUTHORIZATION TO USE INFORMATION TECHNOLOGY FUNDS  
TO PURCHASE AN ADAPTIVE AUTHENTICATION ENTERPRISE SOFTWARE LICENSE FROM  
RSA SECURITY LLC**

**(ALL DISTRICTS AFFECTED) (3 VOTES)**

**SUBJECT**

The Chief Information Officer is requesting Board approval and authorization to utilize \$475,000 from the County's Information Technology Fund to obtain an enterprise software license from RSA Security LLC, a division of EMC Corporation in support of the Countywide Information Security Program.

**IT IS RECOMMENDED THAT THE BOARD:**

Approve and authorize utilization of \$475,000 from the County's Information Technology Fund (ITF) to purchase an RSA Security LLC (RSA) software license for a Countywide risk-based authentication solution. The solution will serve all County departments and will be centrally hosted and managed by the Internal Services Department (ISD).

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The County's ITF was established to fund Countywide technology projects that improve the delivery of services to the public, generate operational improvements to one or more departments or programs, and improve inter-departmental or inter-agency collaboration.

This request seeks Board authorization to utilize ITF funding in the amount of \$475,000 to purchase a RSA Adaptive Authentication Enterprise (AAE) License for unlimited use and one-year of

maintenance and support.

### RSA AAE License

The RSA AAE License will allow the County to replace the current security token key with a comprehensive risk-based authentication solution to facilitate a secure login to County business systems and applications.

This solution provides a right balance of information security protection while improving the end-user experience and security protections by providing a wide-range of authentication options, for example, multi-factor and challenge-response questions.

This acquisition leverages the County's collective purchasing power to achieve a 90 percent discount from the Manufacturer's Suggested Retail Price. Additionally, ISD's annual cost to departments for provisioning RSA access will decrease from \$56 to \$28 initially, and will drop as the number of subscribers increase from the current RSA token deployment base of 17,000 to 100,000+.

The enterprise license includes the following components:

- Licenses for up to 150,000 users;
- Implementation support services;
- One year maintenance and support;
- RSA cybercrime and fraud monitoring annual subscription; and
- 40 RSA Risk Engine licenses.

### **Implementation of Strategic Plan Goals**

The requested action supports the County's Strategic Plan Goal Number 1, Operational Effectiveness, which is to maximize the effectiveness of processes, structure, and operations to support timely delivery of customer-oriented and efficient public services.

### **FISCAL IMPACT/FINANCING**

This request is to obtain authorization to utilize \$475,000 from the ITF to purchase Countywide security licenses, one year of software maintenance and support, and professional services to assist with implementation and deployment.

RSA's annual software maintenance and support cost is approximately \$108,000, which will be recovered in the \$28 per user annual subscription fee.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

There are no legal requirements or prohibitions to this recommended action.

### **CONTRACTING PROCESS**

The RSA AAE software product provides the County with a software upgrade that integrates with the RSA Authentication Manager (Manager) product implemented in 1999. The Manager administers the RSA SecurID hardware tokens. This effort is a software upgrade which enhances our

functionality and capabilities for authentication. Each year brings increased token usage. Currently, there are 17,000 tokens administered. All previous token renewals were acquired through sole source brand name procurement.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

This purchase will enable the following benefits:

- Substantial cost savings of 90 percent without relaxing authentication security requirements;
- End-user experience for remote access authentication is improved with this solution due to the replacement of hardware tokens;
- Supports the County's portable/mobile device strategy and impending Bring Your Own Device (BYOD) implementation;
- Provides a risk-based fraud detection capability to address external threats; and
- Significantly reduces overhead in provisioning user access and supporting remote access.

### **CONCLUSION**

Board approval and authorization of the requested action will reduce the use of costly hardware token authentication, provide savings to departments using security tokens, operational efficiencies, and improved end-user convenience with the implementation of this risk-based secured authentication solution.

Respectfully submitted,



RICHARD SANCHEZ

Chief Information Officer

RS:pg

c: Chief Executive Officer  
Executive Officer, Board of Supervisors  
County Counsel